### Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

## **Reclamation District No. 2035 Conaway**

| Waterway                               | Bank  | Unit Miles | Inspection<br>Start/End  | Inspector      |
|--|-------|------------|--------------------------|----------------|
| Unit No. 01 Cache Creek Settling Basin | Right | 2.01       | 04/01/2020<br>04/01/2020 | Zach<br>Jojola |

| LM Start  | 0.00    | Rating **                | Α        | Issue No.  |        | 3           |   |
|---|---------|--------------------------|----------|------------|--------|-------------|---|
| LM End  | 0.00    | Issue Type +             | Ma       | Location * |        | CR          |   |
| Earthen Levee   |         |                          |          | GPS La     | atitud | e/Longitude |   |
| Category  |         |                          |          | Start      |        | End         |   |
| Item  |         | Operations & Maintenance |          |            | 0      |             | 0 |
| item  | Manuals |                          |          |            | 0      |             | 0 |
| DWR ID  | DWR_RD2 | 035_01_s _ 201           | 3_3      |            |        |             |   |
|   |         | Comn                     | nent Cod | de         |        |             |   |
|   |         |                          |          |            |        |             |   |
|   |         | Inspecto                 | or Comm  | nent       |        |             |   |
| Inspector Comment The LMA stated that they keep a copy of the O&M manuals on hand at the district office. |         |                          |          |            |        |             |   |

No Photos

Issue No. Rating \*\* Α 0.00 LM Start 0.00 Issue Type + Ма Location \* CR LM End Earthen Levee GPS Latitude/Longitude Category Start End **Emergency Supplies &** Item Equipment DWR\_RD2035\_01\_s \_ 2013\_4 DWR ID Comment Code

No Photos

Inspector Comment

The district has emergency supplies and equipment on hand at their district office.

| LM Start                                      | 0.00                          | Rating **      | Α        | Issue No.  |        | 5            |   |  |  |  |  |  |
|---|-------------------------------|----------------|----------|------------|--------|--------------|---|--|--|--|--|--|
| LM End  | 0.00                          | Issue Type +   | Ма       | Location * |        | CR           |   |  |  |  |  |  |
| Category Earthen Levee                        |                               |                |          | GPS La     | atitud | le/Longitude |   |  |  |  |  |  |
| Category                                      |                               |                |          | Start      |        | End          |   |  |  |  |  |  |
| Item  | Flood Preparedness & Training |                |          |            | ٥      |              | 0 |  |  |  |  |  |
| itom  |                               |                |          | ٥          |        | 0            |   |  |  |  |  |  |
| DWR ID  | DWR_RD2                       | 035_01_s _ 201 | 13_5     |            |        |              |   |  |  |  |  |  |
|   |                               | Comn           | nent Cod | le         |        |              |   |  |  |  |  |  |
|   |                               |                |          |            |        |              |   |  |  |  |  |  |
|   |                               |                |          |            |        |              |   |  |  |  |  |  |
|   | Inspector Comment             |                |          |            |        |              |   |  |  |  |  |  |
| The LMA is current with flood fight training. |                               |                |          |            |        |              |   |  |  |  |  |  |
|   |                               |                |          |            | - 0    |              |   |  |  |  |  |  |

No Photos

\* Location

LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown

\*\* Rating

A: Acceptable N: Not Inspected/Rated M: Maintenance Deficiancy

M: Monimally Acceptable C: Corrected Ob: Design & System Obsolescence

U: Unacceptable A/W: Acceptable but Monitor & Maintain En: Enforcement

#### Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

### **Reclamation District No. 2035 Conaway**

| Waterway                               | Bank  | Unit Miles | Inspection<br>Start/End  | Inspector      |
|--|-------|------------|--------------------------|----------------|
| Unit No. 01 Cache Creek Settling Basin | Right | 2.01       | 04/01/2020<br>04/01/2020 | Zach<br>Jojola |

| LM Start | 0.02     | Rating **    | A/W       | Issue No.              |     | 20          |   |
|----------|----------|--------------|-----------|------------------------|-----|-------------|---|
| LM End   | 0.02     | Issue Type + | Ма        | Location *             |     |             |   |
| Category |          |              |           | GPS Latitude/Longitude |     |             |   |
| Calegory | Category |              |           | Start                  |     | End         |   |
| Item     | DWR UC   | P LMA Respo  | nsibility | 38.677377              | , 0 | 38.677377   | 0 |
| пеш      |          |              |           | -121.709487            | , 0 | -121.709487 | 0 |
| DWR ID   | 17814    |              |           |                        |     |             |   |

#### Inspector Comment

Comment Code

DS\_ID:17814 FS\_ID:56049 EP\_NO: 10127

Repair Type: No Action Needed Crossing Status: Found

UCIP Comments: 08/16/2019 Pending update... record will be updated

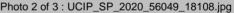
in 2020. (O. Magana - DWR UCIP)

FIELD\_STRUCT\_DESC: 42-inch concrete encased corrugated metal drainage pipe through the levee, 10 feet below the crown. Flap gate on the waterside (WS) end. Grouted spillway on the WS. Pipe exposed on the landside (LS). (36-inch pipe [HLM 0.02] authorized under Automatic Board Order (ABO) issued as Permit No. 10127, 1974 - City of Woodland, Department of Public Works). [Additional Reference(s): DWR Levee Log, 1990. USACE Sacramento O&M Manual 126, November 1961, (HLM 0.01), listed as 5.5 feet below the crown]. FS Date: 8/16/2019 12:20:00 PM

| LM Start | 0.02 | Rating **    | A/W | Issue No.  | 20 (cont) |
|----------|------|--------------|-----|------------|-----------|
| LM End   | 0.02 | Issue Type + | Ma  | Location * |           |



Flap gate and spillway on WS toe.





Flap gate and spillway on WS toe.

### Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

## **Reclamation District No. 2035 Conaway**

| Waterway                               | Bank  | Unit Miles | Inspection<br>Start/End  | Inspector      |
|--|-------|------------|--------------------------|----------------|
| Unit No. 01 Cache Creek Settling Basin | Right | 2.01       | 04/01/2020<br>04/01/2020 | Zach<br>Jojola |

| LM Start              | 0.02   | Rating **    | A/W                    | Issue No.  |      | 20 (cont)     |  |
|-----------------------|--------|--------------|------------------------|------------|------|---------------|--|
| LM End                | 0.02   | Issue Type + | Ma                     | Location * |      |               |  |
| Category Supplemental |        |              | GPS Latitude/Longitude |            |      |               |  |
| Calegory              |        |              |                        |            |      | End           |  |
| Item                  | DWR UC | P LMA Respo  | onsibility             | 38.6773    | 77 ° | 38.677377 °   |  |
| пеш                   |        |              |                        | -121.7094  | 87 ° | -121.709487 ° |  |
| DWR ID                | 17814  |              |                        |            |      | ·             |  |



Concrete encased pipe on LS toe.

| LM Start   | 0.03       | Rating **      | М        | Issue No.  | 14     |               |  |
|--|------------|----------------|----------|------------|--------|---------------|--|
| LM End   | 0.36       | Issue Type +   | Ma       | Location * | WS     |               |  |
| Category Earthen Levee   |            |                |          | GPS La     | atitud | e/Longitude   |  |
|  |            |                |          | Start      |        | End           |  |
| Item   | Vegetation |                |          | 38.6773    | 62 °   | 38.677327 °   |  |
| пеш  |            |                |          | -121.7094  | 11 °   | -121.703284 ° |  |
| DWR ID   | DWR_RD2    | 035_01_s _ 202 | 20_14    |            |        |               |  |
|  |            | Comn           | nent Cod | le         |        |               |  |
| V1 : Control annual grass and weeds on the levee slopes and easements. |            |                |          |            |        |               |  |
|  |            | Inspecto       | or Comm  | ent        |        |               |  |

No Photos

| LM Start   | 0.03                   | Rating **      | М                      | Issue No.  |               | 15  |  |
|--|------------------------|----------------|------------------------|------------|---------------|-----|--|
| LM End   | 0.36                   | Issue Type +   | Ma                     | Location * |               | LS  |  |
| Catagory   | Category Earthen Levee |                | GPS Latitude/Longitude |            |               |     |  |
| Calegory   |                        |                |                        | Start      |               | End |  |
| Vegetation   |                        |                | 38.6773                | 62 °       | 38.677327 °   |     |  |
| item   |                        |                | -121.709411 °          |            | -121.703284 ° |     |  |
| DWR ID   | DWR_RD2                | 035_01_s _ 202 | 20_15                  |            |               |     |  |
|  |                        | Comn           | nent Cod               | de         |               |     |  |
| V1 : Control annual grass and weeds on the levee slopes and easements. |                        |                |                        |            |               | and |  |
| Inspector Comment  |                        |                |                        |            |               |     |  |
|  |                        |                |                        |            |               |     |  |

No Photos

\*\* Rating
LS: Land Side N/A: Not Applicable
WS: Water Side CR: Crown

\*\* Rating
A: Acceptable N: Not Inspected/Rated
M: Minimally Acceptable
C: Corrected
D: Unacceptable
A: Not Inspected/Rated
C: Corrected
C: Corrected
A/W: Acceptable but Monitor & Maintain

\*\* Issue Type
Ma: Maintenance Deficiancy
Ob: Design & System Obsolescence
En: Enforcement

### Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

## **Reclamation District No. 2035 Conaway**

| Waterway                               | Bank  | Unit Miles | Inspection<br>Start/End  | Inspector      |
|--|-------|------------|--------------------------|----------------|
| Unit No. 01 Cache Creek Settling Basin | Right | 2.01       | 04/01/2020<br>04/01/2020 | Zach<br>Jojola |

| LM Start                 | 0.03              | Rating **      | М         | Issue No.   |        | 16            |  |
|--------------------------|-------------------|----------------|-----------|-------------|--------|---------------|--|
| LM End                   | 0.36              | Issue Type +   | Ma        | Location *  |        | CR            |  |
| Category Earthen Levee   |                   |                |           | GPS La      | atitud | e/Longitude   |  |
|                          |                   |                |           | Start       |        | End           |  |
| Item                     | Vegetation        |                |           | 38.6773     | 62 °   | 38.677327 °   |  |
| пеш                      |                   |                |           | -121.7094   | 11 °   | -121.703284 ° |  |
| DWR ID                   | DWR_RD2           | 035_01_s _ 202 | 20_16     |             |        |               |  |
|                          |                   | Comn           | nent Cod  | de          |        |               |  |
| V1 : Contro<br>easements |                   | grass and wee  | eds on th | e levee slo | pes    | and           |  |
|                          | Inspector Comment |                |           |             |        |               |  |
|                          |                   |                |           |             |        |               |  |
|                          |                   |                |           |             |        |               |  |
|                          |                   |                |           |             |        |               |  |

No Photos

Rating \*\* Issue No. LM Start 0.30 Μ 17 Location \* 0.30 Issue Type + CR LM End Earthen Levee GPS Latitude/Longitude Category Start End Crown Surface / Depressions / 38.677340° 38.677340° Rutting -121.704287 ° -121.704287 ° DWR\_RD2035\_01\_s \_ 2020\_17 DWR ID **Comment Code** 

C2: Repair depressions or ruts in the crown or slope.

Inspector Comment

Tire ruts on the crown.

No Photos

| LM Start                         | 0.82    | Rating **      | M        | Issue No.  |       | 18           |   |
|----------------------------------|---------|----------------|----------|------------|-------|--------------|---|
| LM End                           | 0.82    | Issue Type +   | Ма       | Location * | CR    |              |   |
| Catagory Earthen Levee           |         |                |          | GPS La     | tituc | le/Longitude |   |
| Category                         |         |                |          | Start      |       | End          |   |
| Item                             |         | rface / Depres | ssions / | 38.67730   | )5 °  | 38.677305    | 0 |
| item                             | Rutting |                |          | -121.6948  | 17 °  | -121.694817  | 0 |
| DWR ID DWR_RD2035_01_s _ 2020_18 |         |                |          |            |       |              |   |
| Comment Code                     |         |                |          |            |       |              |   |

C2: Repair depressions or ruts in the crown or slope.

Inspector Comment

Tire ruts on the crown.

| * Location                          | ** Rating                |   | + Issue Type                      |
|-------------------------------------|--------------------------|---|-----------------------------------|
| LS : Land Side N/A : Not Applicable | A : Acceptable           | N : Not Inspected/Rated                 | Ma : Maintenance Deficiancy       |
| WS : Water Side                     | M : Minimally Acceptable | C : Corrected                           | Ob : Design & System Obsolescence |
| CR : Crown                          | U : Unacceptable         | A/W : Acceptable but Monitor & Maintain | En : Enforcement                  |

### Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

### **Reclamation District No. 2035 Conaway**

| Waterway                               | Bank  | Unit Miles | Inspection<br>Start/End  | Inspector      |
|--|-------|------------|--------------------------|----------------|
| Unit No. 01 Cache Creek Settling Basin | Right | 2.01       | 04/01/2020<br>04/01/2020 | Zach<br>Jojola |

| LM Start          | 0.85       | Rating **      | М         | Issue No.   |        | 12            |  |
|-------------------|------------|----------------|-----------|-------------|--------|---------------|--|
| LM End            | 1.93       | Issue Type +   | Ma        | Location *  | LS     |               |  |
| Category          | Earthen L  | evee           |           | GPS La      | atitud | e/Longitude   |  |
| Calegory          |            |                |           | Start       |        | End           |  |
| Item              | Vegetation |                |           | 38.6772     | 83 °   | 38.677176 °   |  |
| пеш               | item       |                |           |             | 91 °   | -121.674258 ° |  |
| DWR ID            | DWR_RD2    | 035_01_s _ 202 | 20_12     |             |        |               |  |
|                   |            | Comn           | nent Cod  | de          |        |               |  |
| V1 : Contro       |            | grass and wee  | eds on th | e levee slo | pes    | and           |  |
| Inspector Comment |            |                |           |             |        |               |  |
|                   |            |                |           |             |        |               |  |
|                   |            |                |           |             |        |               |  |

No Photos

Rating \*\* Issue No. М LM Start 1.10 13 1.93 Issue Type + Location \* WS LM End Earthen Levee GPS Latitude/Longitude Category Start End Vegetation 38.677257 ° 38.677175 ° Item -121.689510 ° -121.674258 ° DWR\_RD2035\_01\_s \_ 2020\_13 DWR ID Comment Code

No Photos

V1: Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Rating \*\* Issue No. LM Start 1.10 11 2.00 Issue Type + Ma Location \* CR LM End Earthen Levee GPS Latitude/Longitude Category Start End Vegetation 38.677257° 38.677172° Item -121.689510 ° -121.672922 DWR ID DWR\_RD2035\_01\_s \_ 2020\_11 Comment Code V1: Control annual grass and weeds on the levee slopes and

Inspector Comment

No Photos

\* Location

easements.

N/A: Not Applicable

LS : Land Side WS : Water Side

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated

C : Corrected A/W: Acceptable but Monitor & Maintain

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

En: Enforcement

### Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

## **Reclamation District No. 2035 Conaway**

| Waterway                               | Bank  | Unit Miles | Inspection<br>Start/End  | Inspector      |
|--|-------|------------|--------------------------|----------------|
| Unit No. 01 Cache Creek Settling Basin | Right | 2.01       | 04/01/2020<br>04/01/2020 | Zach<br>Jojola |

| LM Start    | 1.93      | Rating **      | U        | Issue No.   |         | 10            |  |
|-------------|-----------|----------------|----------|-------------|---------|---------------|--|
| LM End      | 2.00      | Issue Type +   | Ма       | Location *  |         | WS            |  |
| Category    | Earthen L | evee           |          | GPS La      | atitude | e/Longitude   |  |
| Calegory    |           |                |          | Start       |         | End           |  |
| Item        | Vegetatio | n              |          | 38.6771     | 76 °    | 38.677172 °   |  |
| item        | item      |                |          |             | 58 °    | -121.672922 ° |  |
| DWR ID      | DWR_RD2   | 035_01_s _ 202 | 20_10    |             |         |               |  |
|             |           | Comn           | nent Cod | de          |         |               |  |
| V1 : Contre |           | grass and wee  | ds on th | e levee slo | oes a   | and           |  |
|             |           | Inspecto       | or Comm  | nent        |         |               |  |
|             |           |                |          |             |         |               |  |
|             |           |                |          |             |         |               |  |
|             |           |                |          |             |         |               |  |



View of dense vegetation on the waterside slope. Spring 2020.

Photo 1 of 1: SP\_2020\_RD2035\_238\_9\_20200401\_00014.jpg

| LM Start                        | 1.93      | Rating **    | U  | Issue No.  | 9     |               |  |
|---------------------------------|-----------|--------------|----|------------|-------|---------------|--|
| LM End                          | 2.00      | Issue Type + | Ma | Location * |       | LS            |  |
| Earthen Levee                   |           |              |    | GPS La     | titud | e/Longitude   |  |
| Calegory                        | Category  |              |    |            |       | End           |  |
| ltom                            | Vegetatio | n            |    | 38.67717   | '6 °  | 38.677172 °   |  |
| пеш                             | Item      |              |    |            |       | -121.672921 ° |  |
| DWR ID DWR_RD2035_01_s _ 2020_9 |           |              |    |            |       |               |  |
| Comment Code                    |           |              |    |            |       |               |  |

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment



View of dense vegetation on the landside slope. Spring 2020.

### Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

### **Reclamation District No. 2035 Conaway**

| Waterway                | Bank  | Unit Miles | Inspection<br>Start/End  | Inspector      |
|-------------------------|-------|------------|--------------------------|----------------|
| Unit No. 02 Yolo Bypass | Right | 7.63       | 04/01/2020<br>04/01/2020 | Zach<br>Jojola |

| LM Start     | 0.38      | Rating **    | U                      | Issue No. 980 |      |               |
|--------------|-----------|--------------|------------------------|---------------|------|---------------|
| LM End       | 0.38      | Issue Type + | Ма                     | Location *    |      |               |
| Category     | ental     |              | GPS Latitude/Longitude |               |      |               |
| Calegory     | Start End |              |                        |               |      |               |
| Item         | DWR UC    | P LMA Respo  | nsibility              | 38.6718       | 13 ° | 38.671813 °   |
| пеш          |           |              |                        | -121.6715     | 81 ° | -121.671581 ° |
| DWR ID 17822 |           |              |                        |               |      |               |
| Comment Code |           |              |                        |               |      |               |

#### Inspector Comment

DS\_ID:17822 FS\_ID:56053 EP\_NO: N/A Repair Type: Urgent Crossing Status: Found

UCIP Comments: 08/16/2019 Pending update... record will be updated in 2020. (O. Magana - DWR UCIP)10/30/2018 Same as last inspection. Flap gate on the WS was submerged at the time of the inspection. Erosion is still present behind the headwall. Sink hole/burrow activity was observed along the concrete box located on the LS. Recommend internal inspection of the pipe section through levee to determine the condition of the pipe through the levee. Crossing remains Urgent due to signs of pipe leakage on LS. (O. Magana - DWR UCIP)09/14/2016 - Flap gate on the WS was submerged at time of inspection. LS headwall at the pumping plant has exposed rebar. There is still erosion present behind the headwall. However, water was present making it difficult to determine if it is getting worse. As-built drawings were requested from LMA consultant representative. (T. Hatch/UCIP)04/02/2013 - Flap gate broken in half on WS toe. Some erosion at headwalls on pumping plant. (W. Wylie/UCIP) FIELD\_STRUCT\_DESC: 44-inch corrugated metal drainage pipe through the levee, 22 feet below the crown. Pump on platform in drainage ditch at the landside (LS) toe. Slide gate and flap gates in a 5foot by 9-foot concrete box. Flap gate on the waterside (WS) toe. 8-inch vent/standpipe at the WS toe. [Additional Reference(s): DWR Levee Log, 1990. USACE Sacramento O&M Manual 121, May 1959, (HLM 0.4) (4-foot by 4-foot concrete culvert listed)]. FS Date: 8/16/2019 12:25:00 PM



Pumping plant off LS toe.

### Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

## **Reclamation District No. 2035 Conaway**

| Waterway                | Bank  | Unit Miles | Inspection<br>Start/End  | Inspector      |
|-------------------------|-------|------------|--------------------------|----------------|
| Unit No. 02 Yolo Bypass | Right | 7.63       | 04/01/2020<br>04/01/2020 | Zach<br>Jojola |

| LM Start | 0.38         | Rating **    | U          | Issue No.  |                        | 980 (cont)  |   |
|----------|--------------|--------------|------------|------------|------------------------|-------------|---|
| LM End   | 0.38         | Issue Type + | Ма         | Location * |                        |             |   |
| Category | Supplemental |              |            |            | GPS Latitude/Longitude |             |   |
| Calegory |              |              |            | Start      |                        | End         |   |
| Item     | DWR UCI      | P LMA Respo  | onsibility | 38.6718    | 13 °                   | 38.671813   | 0 |
| item     |              |              |            | -121.6715  | 31 °                   | -121.671581 | 0 |
| DWR ID   | 17822        |              |            |            |                        |             |   |



Pipe and flap gate with vent riser on WS toe.

| LM Start | 0.38 | Rating **    | U  | Issue No.  | 980 (cont) |
|----------|------|--------------|----|------------|------------|
| LM End   | 0.38 | Issue Type + | Ma | Location * |            |



Broken flap gate at WS toe.

| LM Start  | 1.20                      | Rating **      | A/W      | Issue No.     |           | 11           |   |
|-----------|---------------------------|----------------|----------|---------------|-----------|--------------|---|
| LM End    | 1.24                      | Issue Type +   | Ma       | Location *    |           | WS           |   |
| Category  | Suppleme                  | ental          |          | GPS La        | atitud    | le/Longitude |   |
| Calegory  |                           |                |          | Start         |           | End          |   |
| Item      | 2017 USACE Erosion Survey |                | 38.6600  | 50°           | 38.659465 | 0            |   |
| пеш       |                           |                |          | -121.669028 ° |           | -121.668940  | 0 |
| DWR ID    | DWR_RD2                   | 035_02_f _ 201 | 8_11     |               |           |              |   |
|           |                           | Comn           | nent Cod | de            |           |              |   |
|           |                           |                |          |               |           |              |   |
|           |                           |                |          |               |           |              |   |
|           |                           | Inspecto       | or Comm  | nent          |           |              |   |
| 0047 C:+- | ID. VOL 4                 | 0 D            |          |               |           |              |   |

2017 Site ID: YOL 1.2 R

Status: Eroding

2017 Field Notes: Small amount of toe erosion.

Site History: 2011 - Small sections of slumping, likely from wind wave.

#### Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

### **Reclamation District No. 2035 Conaway**

| Waterway                | Bank  | Unit Miles | Inspection<br>Start/End  | Inspector      |
|-------------------------|-------|------------|--------------------------|----------------|
| Unit No. 02 Yolo Bypass | Right | 7.63       | 04/01/2020<br>04/01/2020 | Zach<br>Jojola |

| LM Start     | 1.98     | Rating **              | A/W    | Issue No.  | 12   |               |  |
|--------------|----------|------------------------|--------|------------|------|---------------|--|
| LM End       | 2.03     | Issue Type +           | Ma     | Location * | WS   |               |  |
| Category     | ental    | GPS Latitude/Longitude |        |            |      |               |  |
| Calegory     |          |                        |        | Start End  |      |               |  |
| Item         | 2017 USA | ACE Erosion S          | Survey | 38.64888   | 31 ° | 38.648178 °   |  |
| пеш          |          |                        |        | -121.66665 | 53 ° | -121.666385 ° |  |
| DWR ID       | WR ID    |                        |        |            |      |               |  |
| Comment Code |          |                        |        |            |      |               |  |

Inspector Comment

2017 Site ID: YOL 2.0 R

Status: Eroding

2017 Field Notes: Toe continues to erode.

Site History: 2006 - Wave wash erosion and some saturation slumping occurring. Tension/separation cracks evident in fine grained levee slope materials. 2011 - Small sections of slumping lower bank, just downstream of bank rock. 2016 - New cracks observed a the mid-slope.

No Photos

| LM Start     | 2.15   | Rating **    | A/W        | Issue No.  |              | 982           |  |
|--------------|--------|--------------|------------|------------|--------------|---------------|--|
| LM End       | 2.15   | Issue Type + | Ма         | Location * |              |               |  |
| Category     | ental  |              | GPS La     | tituc      | le/Longitude |               |  |
| Calegory     |        |              |            | Start End  |              |               |  |
| Item         | DWR UC | P LMA Respo  | onsibility | 38.64644   | 5 °          | 38.646445 °   |  |
| item         |        |              |            | -121.66642 | 3 °          | -121.666423 ° |  |
| DWR ID       | 17833  |              |            |            |              |               |  |
| Comment Code |        |              |            |            |              |               |  |

#### Inspector Comment

DS\_ID:17833 FS\_ID:10933 EP\_NO: N/A

Repair Type: No Action Needed Crossing Status: Found

UCIP Comments:

FIELD\_STRUCT\_DESC: 1 of 2: 60-inch drainage pipe of an unknown material through the levee, 26 feet below the crown. Concrete well and gate structure on the waterside (WS) slope. [Additional Reference(s): DWR Levee Log, 1990. USACE Sacramento O&M Manual 121, May 1959, (HLM 2.3) (6-foot by 6-foot concrete culvert listed)].

FS Date: 4/2/2013



Slide gates in concrete vault on WS slope.

### Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

## **Reclamation District No. 2035 Conaway**

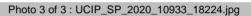
| Waterway                | Bank  | Unit Miles | Inspection<br>Start/End  | Inspector      |
|-------------------------|-------|------------|--------------------------|----------------|
| Unit No. 02 Yolo Bypass | Right | 7.63       | 04/01/2020<br>04/01/2020 | Zach<br>Jojola |

| LM Start | 2.15         | Rating **    | A/W        | Issue No.              |      | 982 (cont)    |
|----------|--------------|--------------|------------|------------------------|------|---------------|
| LM End   | 2.15         | Issue Type + | Ma         | Location *             |      |               |
| Category | Supplemental |              |            | GPS Latitude/Longitude |      |               |
| Calegory |              |              |            | Start                  |      | End           |
| Item     | DWR UC       | P LMA Respo  | onsibility | 38.64644               | 15 ° | 38.646445 °   |
| пеш      |              |              |            | -121.66642             | 23 ° | -121.666423 ° |
| DWR ID   | 17833        |              |            |                        |      |               |



LS at intake.

| LM Start | 2.15 | Rating **    | A/W | Issue No.  | 982 (cont) |
|----------|------|--------------|-----|------------|------------|
| LM End   | 2.15 | Issue Type + | Ma  | Location * |            |





Outlet on WS toe.

### Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

### **Reclamation District No. 2035 Conaway**

| Waterway                | Bank  | Unit Miles | Inspection<br>Start/End  | Inspector      |
|-------------------------|-------|------------|--------------------------|----------------|
| Unit No. 02 Yolo Bypass | Right | 7.63       | 04/01/2020<br>04/01/2020 | Zach<br>Jojola |

| LM Start | 2.15   | Rating **    | A/W                    | Issue No.  |    | 983           |
|----------|--------|--------------|------------------------|------------|----|---------------|
| LM End   | 2.15   | Issue Type + | Ма                     | Location * |    |               |
| Category |        |              | GPS Latitude/Longitude |            |    |               |
| Calegory |        |              |                        | Start      |    | End           |
| Item     | DWR UC | P LMA Respo  | nsibility              | 38.64642   | 5° | 38.646425 °   |
| пеш      |        |              |                        | -121.66642 | 1° | -121.666421 ° |
| DWR ID   | 17877  |              |                        |            |    |               |

## Inspector Comment

Comment Code

DS\_ID:17877 FS\_ID:10934 EP\_NO: N/A

Repair Type: No Action Needed Crossing Status: Found

UCIP Comments:

FIELD\_STRUCT\_DESC: 2 of 2: 60-inch drainage pipe of an unknown material through the levee, 26 feet below the crown. Concrete well and gate structure on the waterside (WS) slope. Concrete headwalls on both ends. [Additional Reference(s): DWR Levee Log, 1990. USACE Sacramento O&M Manual 121, May 1959, (HLM 2.3) (6-foot by 6-foot concrete culvert listed)].

FS Date: 4/2/2013

| LM Start | 2.15 | Rating **    | A/W | Issue No.  | 983 (cont) |
|----------|------|--------------|-----|------------|------------|
| LM End   | 2.15 | Issue Type + | Ma  | Location * |            |



Slide gates in concrete vault on WS slope.

#### Photo 2 of 3: UCIP\_SP\_2020\_10934\_18229.jpg



Intake at channel on LS toe.

### Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

### **Reclamation District No. 2035 Conaway**

| Waterway                | Bank  | Unit Miles | Inspection<br>Start/End  | Inspector      |
|-------------------------|-------|------------|--------------------------|----------------|
| Unit No. 02 Yolo Bypass | Right | 7.63       | 04/01/2020<br>04/01/2020 | Zach<br>Jojola |

| LM Start | 2.15         | Rating **    | A/W        | Issue No.  |              | 983 (cont)    |
|----------|--------------|--------------|------------|------------|--------------|---------------|
| LM End   | 2.15         | Issue Type + | Ma         | Location * |              |               |
| Category | Supplemental |              | GPS La     | titud      | le/Longitude |               |
| Calegory |              |              |            | Start      |              | End           |
| Item     | DWR UC       | P LMA Respo  | onsibility | 38.64642   | 25 °         | 38.646425 °   |
| itelli   |              |              |            | -121.66642 | 21 °         | -121.666421 ° |
| DWR ID   | 17877        |              |            |            |              |               |



Concrete headwall on WS toe.

| LM Start                         | 2.26                      | Rating **    | A/W   | Issue No.              | 13   |               |  |
|----------------------------------|---------------------------|--------------|-------|------------------------|------|---------------|--|
| LM End                           | 2.60                      | Issue Type + | Ma    | Location *             | WS   |               |  |
| Category                         |                           |              |       | GPS Latitude/Longitude |      |               |  |
| Calegory                         |                           |              | Start |                        | End  |               |  |
| Itom                             | 2017 USACE Erosion Survey |              |       |                        | 19 ° | 38.640997 °   |  |
| Item                             |                           |              |       | -121.6650              | 89 ° | -121.661878 ° |  |
| DWR ID DWR_RD2035_02_f _ 2018_13 |                           |              |       |                        |      |               |  |
| Comment Code                     |                           |              |       |                        |      |               |  |

#### Inspector Comment

2017 Site ID: YOL 2.3 R

Status: Eroding

2017 Field Notes: Minor new toe erosion.

Site History: 2011 - Erosion from wind waves along entire length of the levee toe. Several sections of slumping bank along the toe. 2016 -

Fresh cracks observed.

No Photos

| LM Start               | 2.61      | Rating **      | A/W                    | Issue No.  |               | 17          |  |
|------------------------|-----------|----------------|------------------------|------------|---------------|-------------|--|
| LM End                 | 2.61      | Issue Type +   | Ма                     | Location * |               | WS          |  |
| Category Earthen Levee |           |                | GPS Latitude/Longitude |            |               |             |  |
|                        |           |                |                        | Start      |               | End         |  |
| Item                   | Animal Co | ontrol         |                        | 38.64088   | 30 °          | 38.640880 ° |  |
| item                   |           |                | -121.66205             | 8 °        | -121.662058 ° |             |  |
| DWR ID                 | DWR_RD2   | 035_02_s _ 202 | 20_17                  |            |               |             |  |
|                        |           | _              |                        |            |               |             |  |

#### Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

#### Inspector Comment

Small rodent holes near waterside toe. Recommend monitoring.

Photo 1 of 1: SP\_2020\_RD2035\_239\_17\_20200401\_00029.jpg



View of rodent hole near waterside toe. Spring 2020.

\* Location

LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown

\*\* Rating

A : Acceptable N : Not Inspected/Rated M : Maintenance Deficiancy

C : Corrected Ob : Design & System Obsolescence

U : Unacceptable A/W : Acceptable but Monitor & Maintain En : Enforcement

### Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

## **Reclamation District No. 2035 Conaway**

| Waterway                | Bank  | Unit Miles | Inspection<br>Start/End  | Inspector      |
|-------------------------|-------|------------|--------------------------|----------------|
| Unit No. 02 Yolo Bypass | Right | 7.63       | 04/01/2020<br>04/01/2020 | Zach<br>Jojola |

|           |           | D (' **         |          |            |             |             | _ |
|-----------|-----------|-----------------|----------|------------|-------------|-------------|---|
| LM Start  | 2.78      | Rating **       | A/W      | Issue No.  |             | 14          |   |
| LM End    | 3.26      | Issue Type +    | Ma       | Location * |             | WS          |   |
| Category  |           |                 | GPS La   | atitud     | e/Longitude |             |   |
| Category  |           |                 |          | Start      |             | End         |   |
| Item      | 2017 USA  | ACE Erosion S   | 38.6387  | 31 °       | 38.632783   | 0           |   |
| item      |           |                 |          | -121.6602  | 47 °        | -121.655864 | 0 |
| DWR ID    | DWR_RD2   | :035_02_f _ 201 | 8_14     |            |             |             |   |
|           |           | Comn            | nent Cod | de         |             |             |   |
|           |           |                 |          |            |             |             |   |
|           |           |                 |          |            |             |             |   |
|           |           | Inspecto        | or Comm  | nent       |             |             |   |
| 2017 Site | ID: VOL 2 | 8 R             |          |            |             |             |   |

2017 Site ID: YOL 2.8 R Status: Eroding

2017 Field Notes: Erosion creeps further into levee toe.

Site History: 2011 - Wave wash erosion and several sections of

slumming bank along the toe.

| LM Start  | 2.91        | Rating **       | М                      | Issue No.   |               | 9      |  |
|---|-------------|-----------------|------------------------|-------------|---------------|--------|--|
| LM End  | 2.91        | Issue Type +    | Ma                     | Location *  |               | WS     |  |
| Category Earthen Levee  |             |                 | GPS Latitude/Longitude |             |               |        |  |
| Category  |             |                 |                        | Start       |               | End    |  |
| Item Erosion / Bank Caving  |             |                 | 38.6370                | 48 °        | 38.637048 °   |        |  |
| item  |             |                 |                        | -121.6592   | -121.659227 ° |        |  |
| DWR ID  | DWR_RD2     | 035_02_f _ 201  | 9_9                    |             |               |        |  |
|   |             | Comn            | nent Cod               | de          |               |        |  |
| E2 : Sched  | dule repair | of erosion site | e prior to             | the next in | spe           | ction. |  |
|   |             |                 |                        |             |               |        |  |
| Inspector Comment   |             |                 |                        |             |               |        |  |
| Appears to be a 15' wide section of bank caving near the waterside toe.  Recommend repairing. |             |                 |                        |             |               |        |  |

No Photos



Photo 1 of 1: SP\_2020\_RD2035\_239\_9\_20200228\_00001.jpg

View of bank caving on the waterside slope. Fall 2019.

| LM Start   | 3.42    | Rating **              | М           | Issue No.  | 18          |               |  |
|--|---------|------------------------|-------------|------------|-------------|---------------|--|
| LM End   | 3.42    | Issue Type +           | Ма          | Location * | WS          |               |  |
| Category   | evee    | GPS Latitude/Longitude |             |            |             |               |  |
| Category   |         |                        |             | Start      |             | End           |  |
| Erosion / Bank Caving  |         |                        | 38.630657 ° |            | 38.630657 ° |               |  |
| пеш  |         |                        |             | -121.6545  | 02 °        | -121.654502 ° |  |
| DWR ID   | DWR_RD2 | 035_02_s _ 202         | 20_18       |            |             |               |  |
| Comment Code   |         |                        |             |            |             |               |  |
| E2 : Schedule repair of erosion site prior to the next inspection. |         |                        |             |            |             |               |  |

Inspector Comment

Erosion at the waterside toe

No Photos

\* Location + Issue Type Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence LS : Land Side N/A: Not Applicable A : Acceptable M : Minimally Acceptable N : Not Inspected/Rated WS : Water Side C : Corrected CR : Crown U : Unacceptable A/W: Acceptable but Monitor & Maintain En: Enforcement

### Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

### **Reclamation District No. 2035 Conaway**

| Waterway                | Bank  | Unit Miles | Inspection<br>Start/End  | Inspector      |
|-------------------------|-------|------------|--------------------------|----------------|
| Unit No. 02 Yolo Bypass | Right | 7.63       | 04/01/2020<br>04/01/2020 | Zach<br>Jojola |

| LM Start                  | 3.70       | Rating **      | М        | Issue No.  |           | 15           |   |
|---------------------------|------------|----------------|----------|------------|-----------|--------------|---|
| LM End                    | 3.99       | Issue Type +   | Ma       | Location * | WS        |              |   |
| Supplemental              |            |                |          | GPS La     | atitud    | le/Longitude |   |
| Category                  |            |                | Start    |            | End       |              |   |
| 2017 USACE Erosion Survey |            |                | 38.6271  | 45 °       | 38.623533 | 0            |   |
| пеш                       |            |                |          | -121.6518  | 20 °      | -121.649176  | 0 |
| DWR ID                    | DWR_RD2    | 035_02_f _ 201 | 8_15     |            |           |              |   |
|                           |            | Comn           | nent Cod | de         |           |              |   |
|                           |            |                |          |            |           |              |   |
|                           |            |                |          |            |           |              |   |
|                           |            | Inspecto       | or Comm  | nent       |           |              |   |
| 2017 Site                 | ID: YOL 3. | 5 R            |          |            |           |              |   |

Status: Eroding New

2017 Field Notes: Unable to view due to access issues. Site History: 2016 - Erosion observed at levee toe.

| LM Start                         | 4.09 | Rating **    | A/W                    | Issue No.  |               | 16  |  |
|----------------------------------|------|--------------|------------------------|------------|---------------|-----|--|
| LM End                           | 4.41 | Issue Type + | Ma                     | Location * | WS            |     |  |
| Category                         |      |              | GPS Latitude/Longitude |            |               |     |  |
| Calegory                         |      |              |                        | Start      |               | End |  |
| 2017 USACE Erosion Survey        |      |              | 38.62222               | 24 °       | 38.618302 °   |     |  |
| item                             |      |              | -121.64820             | )1 °       | -121.645296 ° |     |  |
| DWR ID DWR_RD2035_02_f _ 2018_16 |      |              |                        |            |               |     |  |
| Comment Code                     |      |              |                        |            |               |     |  |
|                                  |      |              |                        |            |               |     |  |

Inspector Comment

2017 Site ID: YOL 4.2 R

Status: Eroding

2017 Field Notes: Unable to view due to access issues

Site History: 2006 - Wave wash erosion and some saturation slumping occurring. Several small scallops present in lower levee slope/toe due to saturation slumping. Tension/separation cracks evident in finegrained levee slope materials. 2011 - Small pockets of erosion

throughout the site. Site formerly called 3.8.

No Photos

No Photos

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

En: Enforcement

### Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

## **Reclamation District No. 2035 Conaway**

| Waterway                | Bank  | Unit Miles | Inspection<br>Start/End  | Inspector      |
|-------------------------|-------|------------|--------------------------|----------------|
| Unit No. 02 Yolo Bypass | Right | 7.63       | 04/01/2020<br>04/01/2020 | Zach<br>Jojola |

| LM Start     | 6.35              | Rating **    | С                      | Issue No.  |      | 31            |  |
|--------------|-------------------|--------------|------------------------|------------|------|---------------|--|
| LM End       | 6.38              | Issue Type + | Ма                     | Location * | LS   |               |  |
| Supplemental |                   |              | GPS Latitude/Longitude |            |      |               |  |
| Category     |                   |              | Start                  |            | End  |               |  |
| Item         | 2017 Storm Damage |              |                        | 38.59284   | 40 ° | 38.592390 °   |  |
| пеш          |                   |              |                        | -121.63134 | 40 ° | -121.631320 ° |  |
| DWR ID       | RD 2035-0         | 8            |                        |            |      |               |  |
|              | Comment Code      |              |                        |            |      |               |  |
|              |                   |              |                        |            |      |               |  |
|              |                   |              |                        |            |      |               |  |

Inspector Comment

Repaired as of inspection date.

Levee Evaluation Comments Description: Site ID No:195

Site Designation:RD 2035-08

Repair Type: Erosion Rating:Critical Field Date:7/13/2017

Notes: long longitudinal cracks on the crown.

| LM Start   | 7.43       | Rating **      | М        | Issue No. 19  |          |               |  |  |
|--|------------|----------------|----------|---------------|----------|---------------|--|--|
| LM End   | 7.60       | Issue Type +   | Ма       | Location *    | cation * |               |  |  |
| Category Earthen Levee   |            |                |          | GPS La        | atituc   | le/Longitude  |  |  |
| Calegory   |            |                |          | Start         |          | End           |  |  |
| Item   | Vegetation |                |          | 38.5774       | 06 °     | 38.575472 °   |  |  |
| пеш  |            |                |          | -121.633256 ° |          | -121.635076 ° |  |  |
| DWR ID   | DWR_RD2    | 035_02_s _ 202 | 20_19    |               |          |               |  |  |
|  |            | Comn           | nent Cod | le            |          |               |  |  |
| V1 : Control annual grass and weeds on the levee slopes and easements. |            |                |          |               |          |               |  |  |
| Inspector Comment  |            |                |          |               |          |               |  |  |

No Photos

No Photos

\*Location

LS: Land Side N/A: Not Applicable
WS: Water Side
CR: Crown

\* Rating

A: Acceptable

M: Minimally Acceptable

U: Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma: Maintenance Deficiancy
Ob: Design & System Obsolescence
En: Enforcement

### Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

## **Reclamation District No. 2035 Conaway**

| Waterway                | Bank  | Unit Miles | Inspection<br>Start/End  | Inspector      |
|-------------------------|-------|------------|--------------------------|----------------|
| Unit No. 02 Yolo Bypass | Right | 7.63       | 04/01/2020<br>04/01/2020 | Zach<br>Jojola |

| LM Start    | 7.43       | Rating **                 | M             | Issue No.   |               | 20          |  |
|-------------|------------|---------------------------|---------------|-------------|---------------|-------------|--|
| LM End      | 7.60       | Issue Type +              | Ma            | Location *  |               | WS          |  |
| Category    | Earthen L  | evee                      |               | GPS La      | atitud        | e/Longitude |  |
| Calegory    |            | Start                     |               | End         |               |             |  |
| Item        | Vegetatio  | n                         |               | 38.5774     | 06 °          | 38.575470 ° |  |
| item        |            |                           | -121.633256 ° |             | -121.635079 ° |             |  |
| DWR ID      | DWR_RD2    | DWR_RD2035_02_s _ 2020_20 |               |             |               |             |  |
|             |            | Comn                      | nent Cod      | de          |               |             |  |
| V1 : Contro |            | grass and wee             | ds on th      | e levee slo | pes a         | and         |  |
| Cascinona   | <i>-</i> . | Inspecto                  | or Comm       | nent        |               |             |  |
|             |            | Порсск                    | o Comm        | ICIT        |               |             |  |
|             |            |                           |               |             |               |             |  |
|             |            |                           |               |             |               |             |  |
|             |            |                           |               |             |               |             |  |
|             |            |                           |               |             |               |             |  |

No Photos

\*\* Rating
LS: Land Side N/A: Not Applicable
WS: Water Side CR: Crown

\*\* Rating
A: Acceptable N: Not Inspected/Rated
N: Not Inspected/Rated
C: Corrected
M: Minimally Acceptable
C: Corrected
AW: Acceptable but Monitor & Maintain

\*\* Rating
A: Issue Type
Ma: Maintenance Deficiancy
Ob: Design & System Obsolescence
En: Enforcement

### Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

## **Reclamation District No. 2035 Conaway**

| Waterway                         | Bank | Unit Miles | Inspection<br>Start/End  | Inspector      |
|----------------------------------|------|------------|--------------------------|----------------|
| Unit No. 03 Willow Slough Bypass | Left | 2.51       | 04/01/2020<br>04/01/2020 | Zach<br>Jojola |

| LM Start    | 0.06        | Rating **      | М        | Issue No.   |        | 6           |   |
|-------------|-------------|----------------|----------|-------------|--------|-------------|---|
| LM End      | 0.68        | Issue Type +   | Ma       | Location *  |        | LS          |   |
| Category    | Earthen L   | evee           |          | GPS La      | atitud | e/Longitude |   |
| Calegory    |             |                |          | Start       |        | End         |   |
| Itom        | Vegetation  |                |          | 38.5756     | 47 °   | 38.579261   | 0 |
| item        |             |                |          | -121.6367   | 00°    | -121.645196 | 0 |
| DWR ID      | DWR_RD2     | 035_03_s _ 202 | 20_6     |             |        |             |   |
|             |             | Comn           | nent Coo | de          |        |             |   |
| V1 : Contro | ol annual g | rass and wee   | ds on th | e levee slo | pes    | and         |   |
| easements   | S.          |                |          |             |        |             |   |
|             |             | Inspecto       | or Comm  | nent        |        |             |   |
|             |             |                |          |             |        |             |   |
|             |             |                |          |             |        |             |   |
|             |             |                |          |             |        |             |   |

No Photos

| LM Start | 0.06                   | Rating **      | М    | Issue No.  |      | 7             |  |  |
|----------|------------------------|----------------|------|------------|------|---------------|--|--|
| LM End   | 0.68                   | Issue Type +   | Ma   | Location * | WS   |               |  |  |
| Catagory | Category Earthen Levee |                |      |            |      | e/Longitude   |  |  |
| Calegory |                        |                |      | Start      |      | End           |  |  |
| Item     | Vegetatio              | n              |      | 38.57564   | 48 ° | 38.579261 °   |  |  |
| пеш      |                        |                |      | -121.63670 | 00°  | -121.645196 ° |  |  |
| DWR ID   | DWR_RD2                | 035_03_s _ 202 | 20_7 |            |      | ·             |  |  |
|          | 0                      |                |      |            |      |               |  |  |

Comment Code

V1: Control annual grass and weeds on the levee slopes and easements.

Inspector Comment



View of vegetation on the waterside slope. Spring 2020.

| LM Start               | 1.03         | Rating **      | М    | Issue No.              |     | 8             |  |  |
|------------------------|--------------|----------------|------|------------------------|-----|---------------|--|--|
| LM End                 | 1.42         | Issue Type +   | Ma   | Location *             | LS  |               |  |  |
| Category Earthen Levee |              |                |      | GPS Latitude/Longitude |     |               |  |  |
| Category               |              |                |      | Start                  |     | End           |  |  |
| Item                   | Vegetatio    | n              |      | 38.58432               | 20° | 38.589808     |  |  |
| item                   |              |                |      | -121.64508             | 39° | -121.645666 ° |  |  |
| DWR ID                 | DWR_RD2      | 035_03_s _ 202 | 20_8 |                        |     |               |  |  |
|                        | Comment Code |                |      |                        |     |               |  |  |

easements.

V1 : Control annual grass and weeds on the levee slopes and Inspector Comment

| * Location   | ** Rating  |   | + Issue Type   |
|--|--|---|--|
| LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement |

### Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

### **Reclamation District No. 2035 Conaway**

| Waterway                         | Bank | Unit Miles | Inspection<br>Start/End  | Inspector      |
|----------------------------------|------|------------|--------------------------|----------------|
| Unit No. 03 Willow Slough Bypass | Left | 2.51       | 04/01/2020<br>04/01/2020 | Zach<br>Jojola |

| LM Start    | 1.03       | Rating **      | М         | Issue No.     |        | 9            |   |
|-------------|------------|----------------|-----------|---------------|--------|--------------|---|
| LM End      | 1.75       | Issue Type +   | Ma        | Location *    |        | WS           |   |
| Category    | Earthen L  | evee           |           | GPS La        | atitud | le/Longitude |   |
| Calegory    |            |                |           | Start         |        | End          |   |
| Item        | Vegetation |                |           | 38.5843       | 21 °   | 38.591172    | 0 |
| пеш         |            |                |           | -121.645089 ° |        | -121.651084  | 0 |
| DWR ID      | DWR_RD2    | 035_03_s _ 202 | 20_9      |               |        |              |   |
|             |            | Comn           | nent Cod  | de            |        |              |   |
| V1 : Contre |            | grass and wee  | eds on th | e levee slo   | pes    | and          |   |
|             |            | Inspecto       | or Comm   | nent          |        |              |   |
|             |            |                |           |               |        |              |   |
|             |            |                |           |               |        |              |   |
|             |            |                |           |               |        |              |   |

No Photos

| LM Start | 1.39   | Rating **    | М          | Issue No.  |              | 975           |
|----------|--------|--------------|------------|------------|--------------|---------------|
| LM End   | 1.39   | Issue Type + | Ма         | Location * |              |               |
| Category |        |              |            | GPS Lat    | le/Longitude |               |
| Calegory |        |              |            | Start      |              | End           |
| Item     | DWR UC | P LMA Respo  | onsibility | 38.58942   | 5 °          | 38.589425 °   |
| пеш      |        |              |            | -121.64535 | 9 °          | -121.645359 ° |
| DWR ID   | 17836  |              |            |            |              |               |

### Comment Code

#### Inspector Comment

DS\_ID:17836 FS\_ID:41128 EP\_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: 04/03/2013 Need to clear vegetation and debris from

WS at outlet. (W. Wylie - DWR UCIP)
FIELD\_STRUCT\_DESC: 36-inch corrugated metal drainage pipe through the levee, 17.5 feet below the crown. Flap gate on the waterside (WS) end. Slide gate and concrete headwall on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1990. USACE Sacramento O&M Manual 120, June 1952, (Station 327+75)].

FS Date: 4/3/2013

# Photo 1 of 3: UCIP\_SP\_2020\_41128\_18348.jpg



Slide gate and headwall in canal at LS toe.

### Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

## **Reclamation District No. 2035 Conaway**

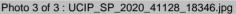
| Waterway                         | Bank | Unit Miles | Inspection<br>Start/End  | Inspector      |
|----------------------------------|------|------------|--------------------------|----------------|
| Unit No. 03 Willow Slough Bypass | Left | 2.51       | 04/01/2020<br>04/01/2020 | Zach<br>Jojola |

| LM Start | 1.39   | Rating **    | М                      | Issue No. 975 (cont) |      |             |   |
|----------|--------|--------------|------------------------|----------------------|------|-------------|---|
| LM End   | 1.39   | Issue Type + | Ma                     | Location *           |      |             |   |
| Category |        |              | GPS Latitude/Longitude |                      |      |             |   |
| Calegory |        |              |                        | Start                |      | End         |   |
| Item     | DWR UC | P LMA Respo  | onsibility             | 38.58942             | 25 ° | 38.589425   | 0 |
| itelli   |        |              |                        | -121.6453            | 59 ° | -121.645359 | 0 |
| DWR ID   | 17836  |              |                        |                      |      |             |   |



Slide gate and headwall in canal at LS toe.

| LM Start | 1.39 | Rating **    | M  | Issue No.  | 975 (cont) |
|----------|------|--------------|----|------------|------------|
| LM End   | 1.39 | Issue Type + | Ma | Location * |            |





Vegetated area blocks access to WS of pipe.

| LM Start  | 1.50                             | Rating **     | М        | Issue No.     |        | 10            |  |  |
|-----------|----------------------------------|---------------|----------|---------------|--------|---------------|--|--|
| LM End    | 1.70                             | Issue Type +  | Ma       | Location *    |        | LS            |  |  |
| Category  | Earthen L                        | evee          |          | GPS La        | atitud | e/Longitude   |  |  |
| Category  |                                  |               |          | Start         |        | End           |  |  |
| Item      | Vegetatio                        | n             |          | 38.5906       | 25 °   | 38.591202 °   |  |  |
| item      |                                  |               |          | -121.646648 ° |        | -121.650265 ° |  |  |
| DWR ID    | DWR ID DWR_RD2035_03_s _ 2020_10 |               |          |               |        |               |  |  |
|           |                                  | Comn          | nent Cod | de            |        |               |  |  |
|           |                                  | grass and wee | ds on th | e levee slo   | pes a  | and           |  |  |
| easements | S.                               |               |          |               |        |               |  |  |
|           |                                  | Inspecto      | or Comm  | nent          |        |               |  |  |
|           |                                  |               |          |               |        |               |  |  |
|           |                                  |               |          |               |        |               |  |  |
|           |                                  |               |          |               |        |               |  |  |
|           |                                  |               |          |               |        |               |  |  |

### Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

### **Reclamation District No. 2035 Conaway**

| Waterway                         | Bank | Unit Miles | Inspection<br>Start/End  | Inspector      |
|----------------------------------|------|------------|--------------------------|----------------|
| Unit No. 03 Willow Slough Bypass | Left | 2.51       | 04/01/2020<br>04/01/2020 | Zach<br>Jojola |

| LM Start     | 2.17     | Rating **    | М                      | Issue No.  | 976 |               |  |
|--------------|----------|--------------|------------------------|------------|-----|---------------|--|
| LM End       | 2.17     | Issue Type + | Ма                     | Location * |     |               |  |
| Supplemental |          |              | GPS Latitude/Longitude |            |     |               |  |
| Calegory     | Category |              |                        | Start      |     | End           |  |
| Item         | DWR UC   | P LMA Respo  | nsibility              | 38.59093   | 4 ° | 38.590934 °   |  |
| пеш          |          |              |                        | -121.65894 | 0°  | -121.658940 ° |  |
| DWR ID       | 17837    |              |                        |            |     |               |  |
| Comment Code |          |              |                        |            |     |               |  |

## Inspector Comment

DS\_ID:17837 FS\_ID:11011 EP\_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: 04/03/2013 Debris and vegetation partially blocking

inlet and outlet at both toes. (W. Wylie - DWR UCIP)

FIELD\_STRUCT\_DESC: 48-inch corrugated metal drainage pipe through the levee, 19 feet below the crown. Slide gates on both ends. [Additional Reference(s): DWR Levee Log, 1990. USACE Sacramento

O&M Manual 120, June 1952, (Station 290+37)].

FS Date: 4/3/2013

| LM Start | 2.17 | Rating **    | М  | Issue No.  | 976 (cont) |
|----------|------|--------------|----|------------|------------|
| LM End   | 2.17 | Issue Type + | Ma | Location * |            |

### Photo 1 of 2 : UCIP\_SP\_2020\_11011\_18354.jpg



Slide gate at WS toe showing excessive vegetation.

#### Photo 2 of 2: UCIP\_SP\_2020\_11011\_18353.jpg



Slide gate at LS toe showing excessive vegetation.

### Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

### **Reclamation District No. 2035 Conaway**

| Waterway                         | Bank | Unit Miles | Inspection<br>Start/End  | Inspector      |
|----------------------------------|------|------------|--------------------------|----------------|
| Unit No. 03 Willow Slough Bypass | Left | 2.51       | 04/01/2020<br>04/01/2020 | Zach<br>Jojola |

| LM Start     | 2.19     | Rating **    | М                      | Issue No.   | 977  |               |  |
|--------------|----------|--------------|------------------------|-------------|------|---------------|--|
| LM End       | 2.19     | Issue Type + | Ма                     | Location *  |      |               |  |
| Category     |          |              | GPS Latitude/Longitude |             |      |               |  |
| Calegory     | Category |              |                        | Start       |      | End           |  |
| Item         | DWR UC   | P LMA Respo  | nsibility              | 38.590909 ° |      | 38.590909 °   |  |
| пеш          |          |              |                        | -121.6593   | 11 ° | -121.659311 ° |  |
| DWR ID       | 17838    |              |                        |             |      |               |  |
| Comment Code |          |              |                        |             |      |               |  |

Inspector Comment

DS\_ID:17838 FS\_ID:11012 EP\_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: 04/03/2013 Debris and vegetation partially blocking

both ends of pipe. (W. Wylie - DWR UCIP)

FIELD\_STRUCT\_DESC: 36-inch corrugated metal drainage pipe through the levee, 18 feet below the crown. Slide gate on the landside (LS) toe. Combination flap and slide gate on the waterside (WS) toe. [Additional Reference(s): DWR Levee Log, 1990. USACE Sacramento

O&M Manual 120, June 1952, (Station 289+33)].

FS Date: 4/3/2013

| LM Start | 2.19 | Rating **    | М  | Issue No.  | 977 (cont) |
|----------|------|--------------|----|------------|------------|
| LM End   | 2.19 | Issue Type + | Ма | Location * |            |



Combination flap and slide gate on WS toe. With excessive vegetation

#### Photo 2 of 3: UCIP\_SP\_2020\_11012\_18356.jpg



Headwall at bottom of fenceline on LS to.e

### Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

### **Reclamation District No. 2035 Conaway**

| Waterway                         | Bank | Unit Miles | Inspection<br>Start/End  | Inspector      |
|----------------------------------|------|------------|--------------------------|----------------|
| Unit No. 03 Willow Slough Bypass | Left | 2.51       | 04/01/2020<br>04/01/2020 | Zach<br>Jojola |

| LM Start | 2.19                        | Rating **    | М                      | Issue No.  |      | 977 (cont)    |
|----------|-----------------------------|--------------|------------------------|------------|------|---------------|
| LM End   | 2.19                        | Issue Type + | Ma                     | Location * |      |               |
| Category |                             |              | GPS Latitude/Longitude |            |      |               |
| Calegory |                             |              |                        | Start      |      | End           |
| Item     | DWR UCIP LMA Responsibility |              |                        | 38.59090   | )9 ° | 38.590909 °   |
| itelli   |                             |              |                        | -121.65931 | 11 ° | -121.659311 ° |
| DWR ID   | 17838                       |              |                        |            |      |               |

Photo 3 of 3: UCIP\_SP\_2020\_11012\_18355.jpg



Headwall and pipe on LS toe.

| LM Start   | 2.21      | Rating **      | М        | Issue No.     |        | 11            |  |
|--|-----------|----------------|----------|---------------|--------|---------------|--|
| LM End   | 2.51      | Issue Type +   | Ma       | Location *    | WS     |               |  |
| Category   | Earthen L | evee           |          | GPS La        | atitud | e/Longitude   |  |
| Category   |           |                |          | Start         |        | End           |  |
| Item   | Vegetatio | Vegetation     |          |               | 96°    | 38.590788 °   |  |
| пеш  |           |                |          | -121.659610 ° |        | -121.665157 ° |  |
| DWR ID   | DWR_RD2   | 035_03_s _ 202 | 20_11    |               |        |               |  |
|  |           | Comn           | nent Cod | de            |        |               |  |
| V1 : Control annual grass and weeds on the levee slopes and easements. |           |                |          |               |        |               |  |
| Inspector Comment  |           |                |          |               |        |               |  |
|  |           |                |          |               |        |               |  |
|  |           |                |          |               |        |               |  |